Solepo Danmark
TEL: +4570222012
E-MAIL: info@solepo.com
http://www.solepo.com

Solepo Germany
TEL: +49 (0)7348 9820 404
E-MAIL: Info@solepo.com
http://www.solepo.com

These are only a part of our products in this guide catalogue,if you need more information,please contact us; Because of rapid product technology innovation,the products in this guide should be based on practical products or user manual, if any changements,please forgive us not to inform separately.

CATALOGUE OF ELECTRICAL PRODUCTS

SHANGHAI XINCHI ELECTRIC CO.,LTD.

ELECTRIC Suntree

XinChi Electric

Suntree ELECTRIC

XinChi Electric

Innovative technology leads to better future.
professional working makes excellent quality.

CB TEST CERTIFICATE
CHINA QUALITY CERTIFICATION CENTRE
SAA
APPROVALS
Certificate of Approval
Certificate No.:
SAA1110036EA
Date of Issue:
20 July 2011
SAA Approvals Pty Ltd as accredited by JAS-ANZ under ISO/IEC Guide 65 certifies that the electrical product described on this certificate complies with the minimum safety requirements for which the application has been made.
Certificate Holder:
Class Description:
Product Description:
Brand Name:
Model No.:
Markings:
Standard:
Conditions:
Approval Mark:
Date First Registered:
Date of Expiry:
20 July 2011
23 January 2014
For and on Behalf of
SAA Approvals Pty Ltd
JAS-ANZ
SAA Approvals
CERTIFIED

CB NEMKO CE:

A SONCAP SASO 1809001

TOY

Company Profile

Located in zhejiang--china electric capital, Suntree has been founded into the mission of “one-stop-service for all electrical products”

We began from "australian waterproof industrial series" and got to know more and more solar products for australian market.

Among long-time investigation into different market by our professional marketing people.

We became to realize and place "quality" as the initial factor of long-term development so suntree started to concentrate on australian market only

Which has very strict demand for "quality".

Under the biggest effort of the whole suntree group we came to be very professional in all australian electrical products.

Including outdoor industrial products, building products.

For now, suntree has been existing 7 years in australian market and which has several professional groups. Who in charge of techinals production workmanship, testing, sales dep, human resouces and financial dep seperately. We keep our step of " passion and innovation ". We have been studying on enlarging more advanced & practical electrical products, like portable power distribution boards, which is suitable for connecting and protecting outdoor working, as well as indoor industrial project, we aim to enlarge our product range, to 100% custom-made as per different inquiry.

In order that we can 100% catch the step of the world-development--we are doing our best!!

For suntree's future, we belive it will be as bright as our passion. We are eager to prove to every customer from australia that, suntree is 100% qualified to be your " one-stop-service" for your needs!

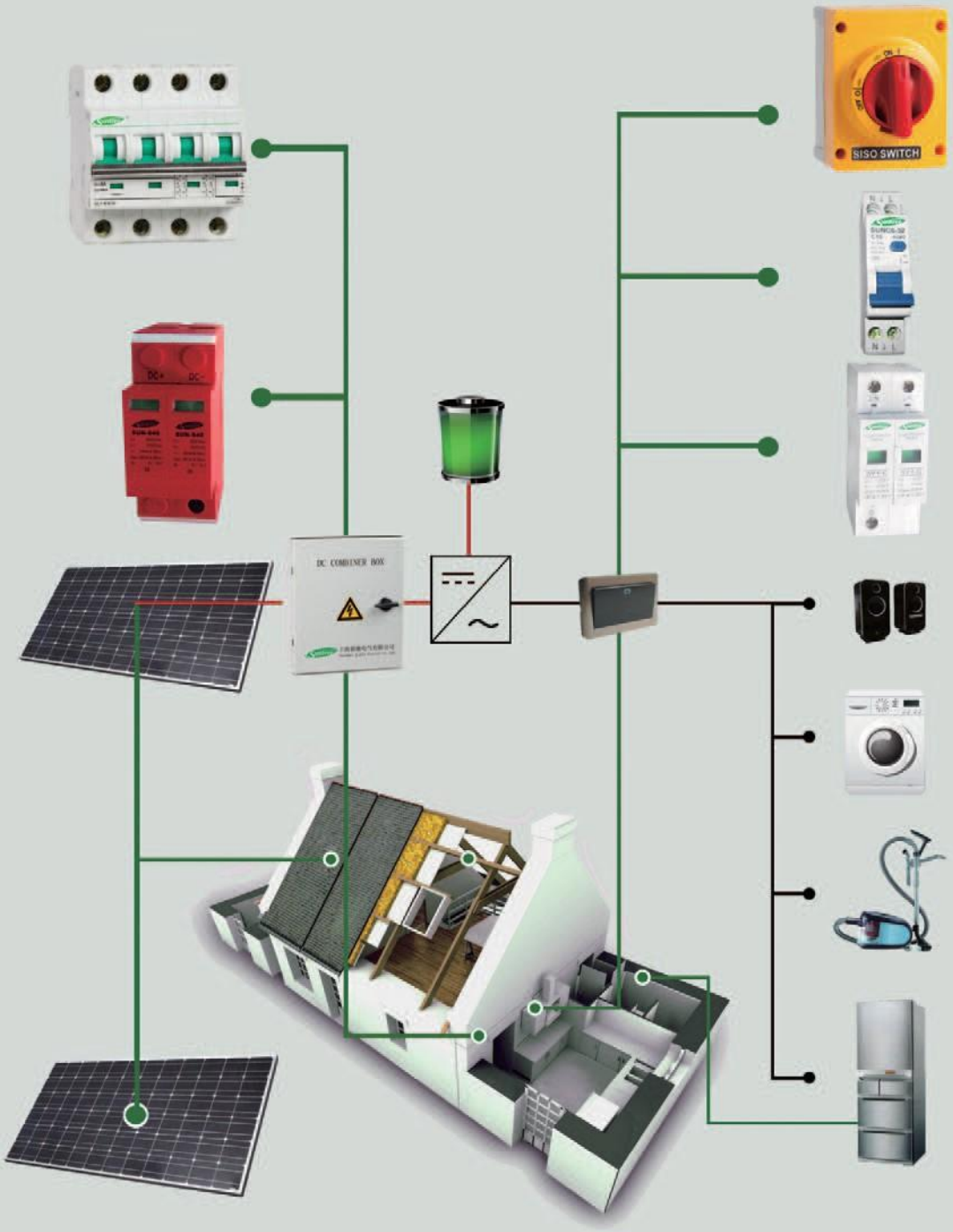
Contents

- PV System Specific Components 00
  - SL7 Polarity DC circuit breaker 01-02
  - SL7 Non-polarity DC circuit breaker(New type) 03-04
  - SSPD Series Surge Protector 05
  - SGR Series DC Fuse 06
  - SISO Switch 07-08
  - SMC4 Solar Connector 09
  - SMC3 Solar Connector 10
  - Twins Core PV Cable 11
  - Single Core PV Cable 12
  - SMC3Y/SMC4Y Solar Connector 13
  - PV Cable Assembly 14
  - PVBX DC combiner box 15-16
  - IP66 Distribution Enclosures 17
  - Electrical Accessories 18
- SIngle mould RCD(AUS) 19
- Moulded Case And Earth Leakage Circuit Breaker(Southeast Asia) 21
- Indo circuit breaker 23
- Portable Power Distribution Board 25-28
- Wall Mounted Power Boards 29-31
- Waterproof Industrial Switchgear Series 33-44

CONTENTS

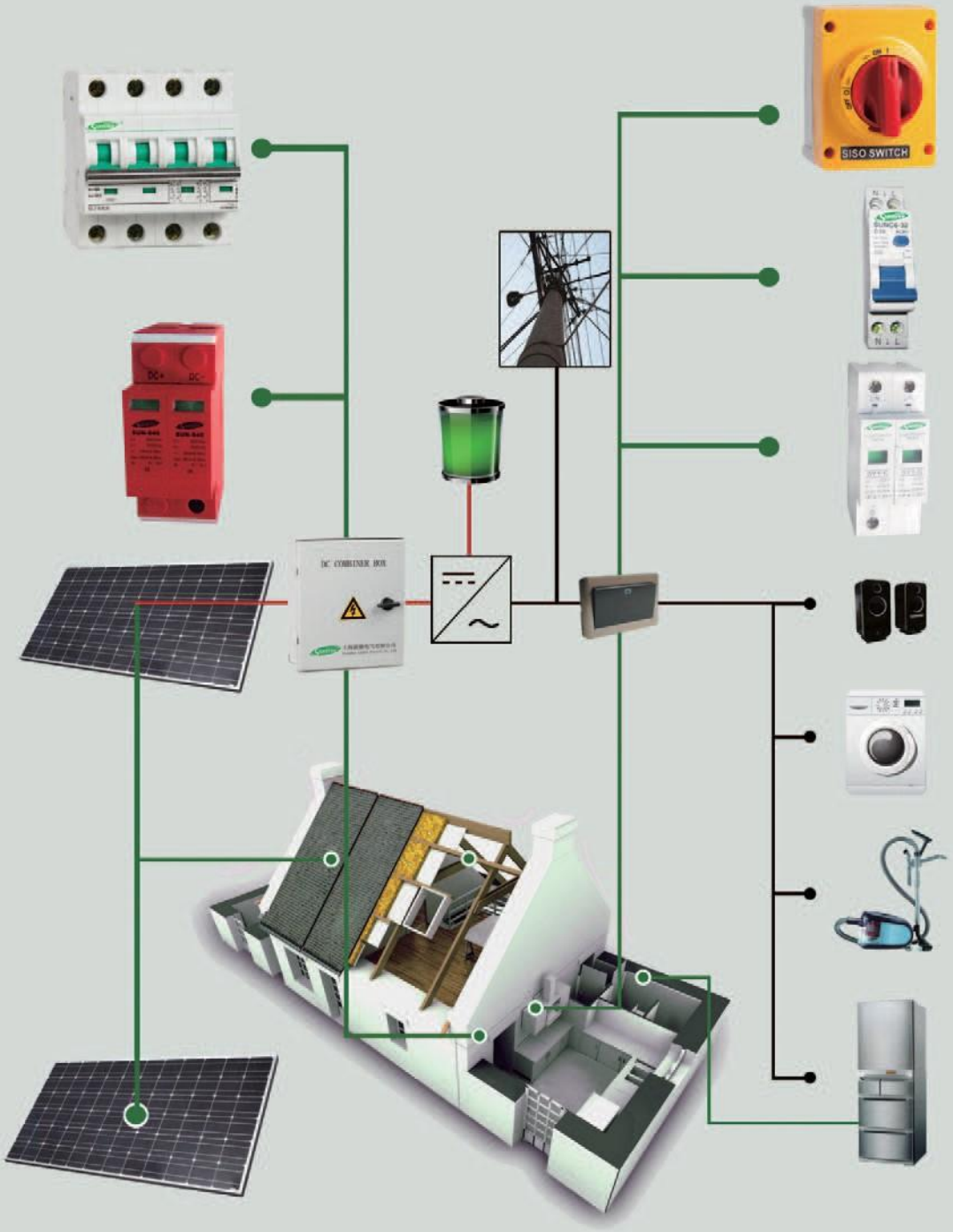
photovoltaic application in domestic house

- house in off-grid system



photovoltaic application in domestic house

- house in grid-connected system



PV SYSTEM SPECIFIC COMPONENTS

IEC60947-2

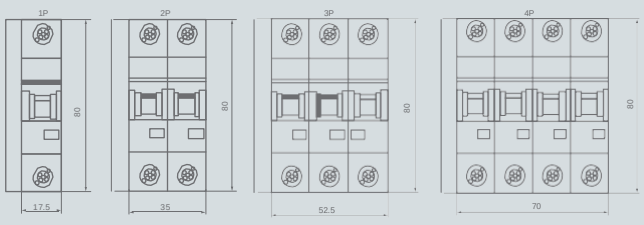
IEC60898-2

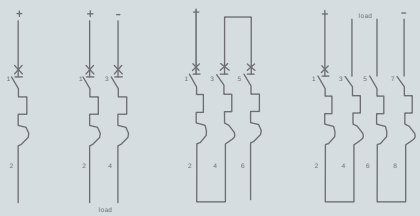
SL7 Polarity DC circuit breaker

SL7 PV DC breaker supplementary protectors are designed to provide overcurrent protection within appliances or electrical equipment, where a branch circuit protection is already provided or not required. Devices are designed for direct current (DC) control circuit applications.

Specifications

SL7 PV Series Circuit Breaker		SL7-63			
Frame degree rated current (A)		63			
Electrical performance					
Ue Rated operating voltage (V DC)		AC250V AC415V DC440V DC550V DC800V DC1000V			
Rated Current In (A)		6-10-16-20-25-32-40-50-63			
Rated insulation voltage Ui (V DC)		1000V			
ated Impact voltage Uimp (kV)		4			
Ultimate breaking capacity Icu (kA)		6	6	6	6
Run breaking capacity Ics (%Icu)		75%	75%	75%	75%
Curve type		C			
Trip type		Thermal-magnetic			
MECHANICAL	Actual average value	20000			
	Standard value	8500			
ELECTRIC	Actual average value	2500			
	Standard value	1500			
Control and indication					
Shunt release (SHT)		Option			
Undervoltage release (UNT)					
Auxiliary contact (AX)					
Alarm contact (AL)					
Connection and installation					
Wiring capacity (mm²)		In ≤ 32A,1~25 mm² , I ≥ 40A,10~35mm²			
Ambient temperature (℃)		-20~70			
Altitude		≤2000			
Relative humidity		≤95%			
Pollution Level		3			
Installation Environment		No obvious shock and vibration			
Installation category		Class III			
Installation		DIN Standard rail			
Dimensions(W)x(H)x(Deep)	W	17.5	35	52.5	70
	H	80	80	80	80
	Deep	71	71	71	71
Weight (kg)		0.12	0.24	0.36	0.48



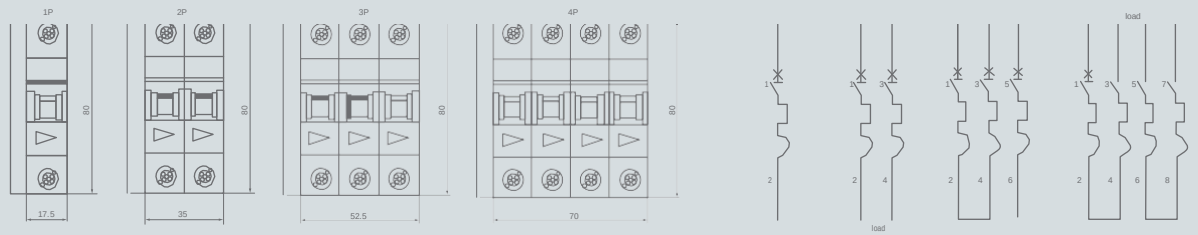


SL7 Polarity DC circuit breaker

SL7 PV DC breaker supplementary protectors are designed to provide overcurrent protection within appliances or electrical equipment, where a branch circuit protection is already provided or not required. Devices are designed for direct current (DC) control circuit applications.

Specifications

SL7 PV Series Circuit Breaker		SL7-63			
Frame degree rated current (A)		63			
Electrical performance					
Ue Rated operating voltage (V DC)		AC250V AC415V DC440V DC550V DC800V DC1000V			
Rated Current In (A)		6-10-16-20-25-32-40-50-63			
Rated insulation voltage Ui (V DC)		1000V			
ated Impact voltage Uimp (kV)		4			
Ultimate breaking capacity Icu (kA)		6	6	6	6
Run breaking capacity Ics (%Icu)		75%	75%	75%	75%
Curve type		C			
Trip type		Thermal-magnetic			
MECHANICAL	Actual average value	20000			
	Standard value	8500			
ELECTRIC	Actual average value	2500			
	Standard value	1500			
Control and indication					
Shunt release (SHT)		Option			
Undervoltage release (UNT)					
Auxiliary contact (AX)					
Alarm contact (AL)					
Connection and installation					
Wiring capacity (mm²)		In ≤ 32A,1~25 mm² , I ≥ 40A,10~35mm²			
Ambient temperature (℃)		-20~70			
Altitude		≤2000			
Relative humidity		≤95%			
Pollution Level		3			
Installation Environment		No obvious shock and vibration			
Installation category		Class III			
Installation		DIN Standard rail			
Dimensions(W)x(H)x(Deep)	W	17.5	35	52.5	70
	H	80	80	80	80
	Deep	71	71	71	71
Weight (kg)		0.12	0.24	0.36	0.48

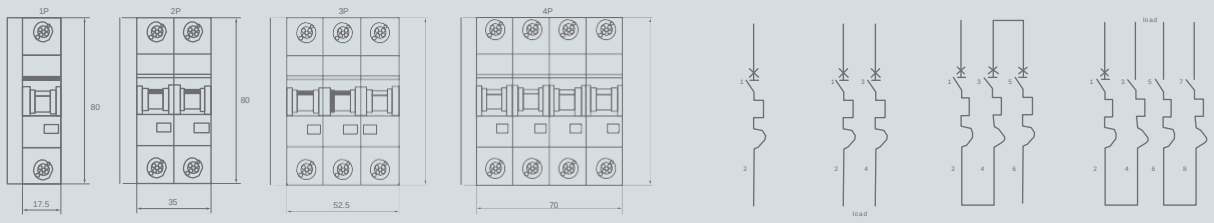


SL7 Non-polarity DC circuit breaker (New type)

SL7 PV NP DC breaker supplementary protectors are designed to provide overcurrent protection within appliances or electrical equipment, where a branch circuit protection is already provided or not required. Devices are designed for direct current (DC) control circuit applications.

Specifications

SL7 PV Series Circuit Breaker		SL7-63			
Frame degree rated current (A)		63			
Electrical performance					
Ue Rated operating voltage (V DC)		AC250V AC415V DC440V DC550V DC800V DC1000V			
Rated Current In (A)		6-10-16-20-25-32-40-50-63			
Rated insulation voltage Ui (V DC)		1000V			
ated Impact voltage Uimp (kV)		4			
Ultimate breaking capacity Icu (kA)		6	6	6	6
Run breaking capacity Ics (%Icu)		75%	75%	75%	75%
Curve type		C			
Trip type		Thermal-magnetic			
MECHANICAL	Actual average value	20000			
	Standard value	8500			
ELECTRIC	Actual average value	2500			
	Standard value	1500			
Control and indication					
Shunt release (SHT)					
Undervoltage release (UNT)		Option			
Auxiliary contact (AX)					
Alarm contact (AL)					
Connection and installation					
Wiring capacity (mm²)		In ≤ 32A,1~25 mm² , I ≥ 40A,10~35mm²			
Ambient temperature (℃)		-20~70			
Altitude		≤2000			
Relative humidity		≤95%			
Pollution Level		3			
Installation Environment		No obvious shock and vibration			
Installation category		Class III			
Installation		DIN Standard rail			
Dimensions(W)x(H)x(Deep)	W	17.5	35	52.5	70
	H	80	80	80	80
	Deep	71	71	71	71
Weight (kg)		0.12	0.24	0.36	0.48

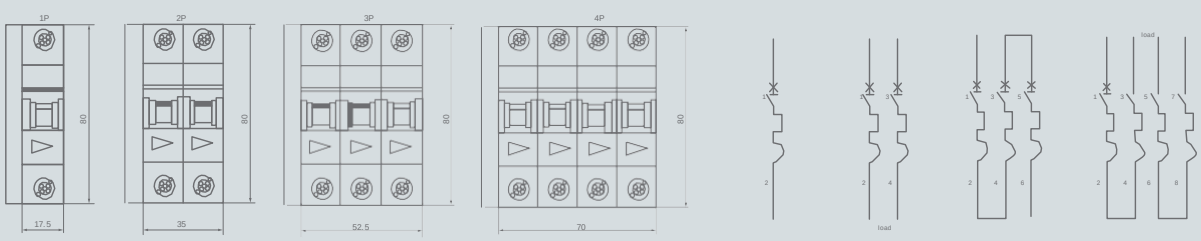


SL7 Non-polarity DC circuit breaker (New type)

SL7 PV NP DC breaker supplementary protectors are designed to provide overcurrent protection within appliances or electrical equipment, where a branch circuit protection is already provided or not required. Devices are designed for direct current (DC) control circuit applications.

Specifications

SL7 PV Series Circuit Breaker		SL7-63			
Frame degree rated current (A)		63			
Electrical performance					
Ue Rated operating voltage (V DC)		AC250V AC415V DC440V DC550V DC800V DC1000V			
Rated Current In (A)		6-10-16-20-25-32-40-50-63			
Rated insulation voltage Ui (V DC)		1000V			
ated Impact voltage Uimp (kV)		4			
Ultimate breaking capacity Icu (kA)		6	6	6	6
Run breaking capacity Ics (%Icu)		75%	75%	75%	75%
Curve type		C			
Trip type		Thermal-magnetic			
MECHANICAL	Actual average value	20000			
	Standard value	8500			
ELECTRIC	Actual average value	2500			
	Standard value	1500			
Control and indication					
Shunt release (SHT)					
Undervoltage release (UNT)		Option			
Auxiliary contact (AX)					
Alarm contact (AL)					
Connection and installation					
Wiring capacity (mm²)		In ≤ 32A,1~25 mm² , I ≥ 40A,10~35mm²			
Ambient temperature (℃)		-20~70			
Altitude		≤2000			
Relative humidity		≤95%			
Pollution Level		3			
Installation Environment		No obvious shock and vibration			
Installation category		Class III			
Installation		DIN Standard rail			
Dimensions(W)x(H)x(Deep)	W	17.5	35	52.5	70
	H	80	80	80	80
	Deep	71	71	71	71
Weight (kg)		0.12	0.24	0.36	0.48



SSPD Series Surge Protector

SSPD surge protective device, protect against lightning surge voltages in solar system (photovoltaic power supply system).
These units must be installed in parallel on the DC networks to be protected and provide common and different modes protection. Its installed location are recommended at both ends of the DC power supply line (solar panel side and inverter/converter side), especially if the line routing is external and long.
High energy MOVs equipped with specific thermal disconnectors and related failure indicators.

Specifications

SSPD series surge protector		SSPD	
PV DC-specific (LEC 66143-1/EN 61643-11)			
Pole		2P	3P
Electrical Parameter			
Classified test		II	II
Uoc max (V DC)		500	1000
Uc (V DC)		500	1000
In(8/20)us (kA)		20	20
Imax(8/20)us (kA)		40	40
Up (kV)		2.0	3.8
Remote control and indication			
Indication window			
Plug-in Module			
Remote signal contact			
Remote signal contact	maximum working voltage(V)	250 AC/30V DC	250AC/30V DC
	maximum working current (A)		
	1A(250V/ AC)	1A(250V/ AC)	1A(250V/ AC)
	1A (30V DC)	1A(30V/ AC)	1A(30V/ AC)
Wiring & installation			
Wiring capacity(mm²)	Hard wire	4~25	4~25
	Flexible wire	4~16	4~16
Stripping length(mm)		10	10
Terminal screwa		M5	M5
Torque(Nm)	Main ciruit	3.5	3.5
	Remote signal contact	0.25	0.25
Protection class	All profile	IP40	IP40
	Connection port	IP20	IP20
Installation environment		No obvious shock and vibration	
Altitude (m)		≤2000	≤2000
Working Temperature		-3.0~+70	-3.0~+70
Relative humidity		30%~90%	30%~90%
How to Install		Installed with H35-7.5/DIN35 steel mounting rail	
Size(mm)(WxHxL)	W	36	54
	H	90	90
	L	67.6	67.6
Weight (kg)		0.24	0.36

SGR Series DC Fuse

A range of 10x38mm fuse links specifically designed for protecting photovoltaic strings. These fuse links are capable of interrupting low overcurrents associated with faulted photovoltaic string arrays (reverse current, multi-array fault).

Specifications

SGR series PV dedicated fuse		
PV DC-specific (LEC 66143-1/EN 61643-11)		
Pole		1P
Electrical Parameter		
Rated voltage Ue (V DC)		1000
Rated current In(A)		1，2，3，4，5，6，8，10，12，15，20
Biggest block ability(KA)		33
The most high power consumption(W)		3.5
Connection and Installation		
Connection (mm²)		2.5~10
Working Temperature(℃)		-30~+70
Resistance and damp hot		Class 2
Altitude(m)		≤2000
Relative humidity		≤ 95%
Rotection class/degree		IP20
Pullotion		3
Installation environment		No obvious shock and vibration
Installation class		Class Ⅲ
Installation type		DIN rail
Size/dimension(mm)		
(WxHxL)	W	18
	H	89
	L	90
Fuse size		10×38
Weight (kg)		0.07

SISO Switch

Suntree offers a comprehensive range of isolating switches designed with safely in mind In stand-alone and enclosed formats,this switch range are padlockable and available in yellow/red or grey/black making it ideal for any electrical isolation requirement,such as repair,maintenance installation and inspection.

Catalogue number construction

SISO	3	25	P	Y
"Safety isolating switch"	"NO.of poles 3=3 pole 4=4 pole"	"Operational current rating 25A 32A"	"Switch type P-Polycarbonate R-Rotary with handle"	" Colour Y-Yellow/Red G-Grey/Black"

- Compact and suitable were space is limited
- DIN rail mounting for easy installation
- Load-breaking up to 8 times rated current making it ideal for motor isolation
- Double-break with silver rivets-superior performance, reliability and long lasting
- Highly visible red/yellow handle

SISO Switch

Safety isolating switches
Polycarbonate enclosed rotary switches

- Large padlockable red/yellow or grey/black handles
- Comprehensive range,16 to 32A modles
- High IP 65 rating
- High breaking capacity with 12.5 mm contact air gap
- Easy to install and operate
- Easy snap-on fitting of auxiliary switches

Specifications

3/4Pole SISO Switch					
Main contacts		Type		SISO-63	
Rated thermal current I the		A	16	25	32
Rated insulation voltage U i		V	1000	1000	1000
Rated operational current IeDC21B					
2 pole in series	600V	A	16	25	32
2 pole in series + 2 poles parallel	600V	A	29	45	50
	900V	A	12	16	20
	1200V	A	9	11	13
3 poles in series	900V	A	16	25	32
	1000V	A	16	25	32
4 poles in series	600V	A	16	25	32
	1000V	A	16	25	32
	1200V	A	16	25	32
Rated operational current Ie DC22B					
2 poles in series	600V	A	5,5	6	6,5
	900V	A	2	2,5	3
	1200V	A	1	1,5	2

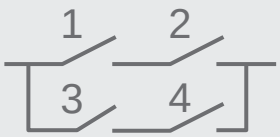
Specifications

3/4Pole SISO Switch					
3 poles in series	600V	A	16	23	25
	900V	A	6,5	7	7,5
	1200V	A	5,5	6	6,5
4 poles in series	600V	A	16	25	27,5
	1000V	A	11,5	12	12,5
	1200V	A	8	9	10
Rated conditional short-circuit current		A	5	5	5
Mechanical life		x10	10	10	10
Rated short-time withstand current (1s) I	2, 4 / 2+2H	A	800 / 1300	900 / 1500	1000 / 1700
Short circuit making capacity	Icm		800 / 1300	900 / 1500	1000 / 1700

DIMENSIONS

2 pole in series

2 poles in series+ 2 poles parallel



3 poles in series

4 poles in series

SMC4 Solar Connector

Simple on-site processing.
Acomodates PV cable with different insulation diameters.
Mating safety provided by keyed housings.
Multiple plugging and unplugging cycles.
High current carrying capacity.

TUV and UL approved.

Specifications

Order NO.	Part P/N		Cable special	
	Connector	Terminal	Conductor size (mm²)	Cable OD (φDmm)
SMC4-CMMM-14	SMC4-CMMM-H	SMC4-CM-T14	AWG 14(2.5 mm²)	φ4.5-φ8.5
SMC4-CMMM-12		SMC4-CM-T12	AWG 12(4.0 mm²)	
SMC4-CMMM-10		SMC4-CM-T10	AWG 10(6.0 mm²)	
Order NO.	Part P/N		Cable special	
	Connector	Terminal	Conductor size (mm²)	Cable OD (mm)
SMC4-CFPM-14	SMC4-CFPM-H	SMC4-CF-T14	AWG 14(2.5 mm²)	φ4.5-φ8.5
SMC4-CFPM-12		SMC4-CF-T12	AWG 12(4.0 mm²)	
SMC4-CFPM-10		SMC4-CF-T10	AWG 10(6.0 mm²)	

Rated current	30A (2.5-6mm²)
Rated voltage	1000v DC
Test voltage	6000V(50Hz , 1min)
Overvoltage type/pollution degree	CAT III/2
Contact resistance of plug connector	1mΩ
Contact material	Copper , Tin-plated
Insulation material	PPO

Degree of protection	IP2X/IP67
Flame class	UL94-VO
Safety class	II
Suitable cable	OD 4.5-8.5 (2.5-6.0mm²)
Insertion force/withdrawal force	≤ 50N/≥ 50N
Connecting system	Crimp connection
Temperature range	-40℃~+125℃

SMC3 Solar Connector

Simple on-site processing.
Acomodates PV cable withdifferent insulation diameters.
Mating safety provided bykeyed housings.
Multiple plugging and unplugging cycles .
High current carrying capacity.
TUV and UL approved.

Specifications

Order NO.	Part P/N		Cable special	
	Connector	Terminal	Conductor size (mm²)	Cable OD (φDmm)
SMC3-CMMM-14	SMC3-CMMM-H	SMC3-CM-T14	AWG 14(2.5 mm²)	φ4.5-φ6.5
SMC3-CMMM-12		SMC3-CM-T12	AWG 12(4.0 mm²)	
SMC3-CMMM-10		SMC3-CM-T10	AWG 10(6.0 mm²)	
Order NO.	Part P/N		Cable special	
	Connector	Terminal	Conductor size (mm²)	Cable OD (mm)
SMC3-CFPM-14	SMC3-CFPM-H	SMC3-CF-T14	AWG 14(2.5 mm²)	φ4.5-φ6.5
SMC3-CFPM-12		SMC3-CF-T12	AWG 12(4.0 mm²)	
SMC3-CFPM-10		SMC3-CF-T10	AWG 10(6.0 mm²)	

Rated current	30A (2-6mm²)
Rated vollage	1000v DC
Test vollage	6000V(50Hz , 1min)
Overvollage type/pollution degree	CAT Ⅲ/2
Contact resistant of plug connector	1mΩ
Contact material	Copper , Tin-plated
Insulation material	PPO

Degree of protection	IP2x/IP67
Flame class	UL94-VO
Safety class	Ⅱ
Suitable cable	OD 4.5-6.5 (2.5-6.0mm²)
Insertion force/withdrawal force	≤ 50N/≥ 50N
Connecting system	Crimp connection
Temperature range	-40℃~+90℃

Twins core PV Cable

Dual wall iinsulation , electron beam cross-linked

Excellent resistance to UV,water , ozone , fluids , salt , general weathering

Excellent resistance to abrasion

Halogen free , flame retardant , low toxicity

Excellent flexibility and stripping performance

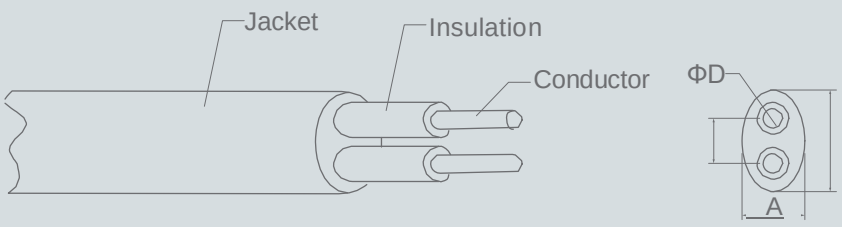
High current carrying capacity

TUV and UL approved

Specifications

Type	Cross section	Strand design	Conductor diameter	Conductor resistance	Outer diameter AxB	Rated voltage	Rated current
	mm²	No.xφ(mm)	mm	Ω/km	mm	V AC/DC	A
PV-2x1.5 mm²	1.5	30 xφ0.25	1.6	13.9	5.80x9.30	1000/1800	20
PV-2x2.5 mm²	2.5	50 xφ0.25	2.0	8.06	6.20x9.90	1000/1800	30
PV-2x4.0 mm²	4.0	56 xφ0.3	2.6	4.97	6.9x11.30	1000/1800	50

Wire	Class 5 , tinned
Insulation material	XLPE
Double insulated	
Halogen-free	
High resistance against oils , greases , oxygen and ozone	
Microbe-resistant	
UV resistant	
High wear and abrasion resistance	
Flam test according to	DIN EN 50265-2-1 UL1571(VW-1)
Smallest permissible bending radius	5XD
Temperature range	-40℃ ~ +90℃
Colours	Black/red



Single core PV Cable

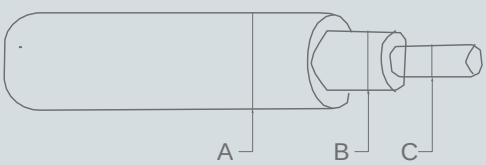
Dual wall iinsulation , electron beam cross-linked
Excellent resistance to UV,water , ozone , fluids , salt , general weathering
Excellent resistance to abrasion
Halogen free , flame retardant , low toxicity
Excellent flexibility and stripping performance
High current carrying capacity
TUV and UL approved

Specifications

Type	Cross section	Strand design	Conductor diameter	Conductor resistance	Outer diameter AxB	Rated voltage	Rated current
	mm²	No.xφ(mm)	mm	Ω/km	mm	V AC/DC	A
PV-1x1.5 mm²	1.5	30 xφ0.25	1.6	13.9	4.5	1000/1800	20
PV-1x2.5 mm²	2.5	50 xφ0.25	2.0	8.06	5.3	1000/1800	30
PV-1x4.0 mm²	4.0	56 xφ0.3	2.6	4.97	6.4	1000/1800	50
PV-1x6.0 mm²	6.0	84 xφ0.3	3.3	3.52	7.2	1000/1800	70
PV-1x10.0 mm²	10.0	200 xφ0.25	4.4	2.12	8.3	1000/1800	95
PV-1x16.0 mm²	16.0	224 xφ0.3	5.2	1.95	9.5	1000/1800	140

Wire	Class 5 , tinned
Insulation material	XLPE
Double insulated	
Halogen-free	
High resistance against oils , greases , oxygen and ozone	
Microbe-resistant	

UV resistant	
High wear and abrasion resistance	
Flam test according to	DIN EN 50265-2-1 UL1571(VW-1)
Smallest permissible bending radius	5XD
Temperature range	-40℃ ~ +90℃
Colours	Black/red



SMC3Y/SMC4Y Solar Connector

PV Branch
Plug SMC3Y/SMC4Y-2M1F
Socket SMC3Y/SMC4Y-2F1M

Specifications

Type And meaning	
Rated current	30A
Rated voltage	1000V DC
Test voltage	6000V(50Hz，1min)
Overvoltage Category/pollution degree	CAT III/2
Contact resistance of plug connector	1mΩ
Contact material	Copper，Tin-plated
Insulation material	PA/PRO
Degree of protection	IP2*/IP65
Flame class	UL94-VO
Safety class	II
Insertion force	≤50N
withdrawal force	≥50N
Temperature range	-40℃~+110℃

PV Cable Assembly

Examples of cable assemblies
Can be customized according to customer requirements

Extension line series

SMC3 TO SMC4

Panel Connector Series

PVBX DC Combiner box

Combiner Box provides a means of combining multiple source circuits from a PV array into a single DC output. Each source circuit is fused separately using a touch-safe fuse holder. The combiner box allows for fail-safe operation of the system in the unlikely event that a problem with a source circuit leads to abnormally high current. In addition, the combiner box provides a convenient means of accessing the DC portion of a PV system for routine maintenance and troubleshooting.

DISCRIPTION

- Safety shields: Lexan shields over all live parts for a completely dead ront unit.
- Insulators: All bus bars are supported by 1000VDC rated insulators for added rigidity.
- Bus bars: electroplated to prevent corrosion.
- Lockable exterior latch.
- Reserved space for the optional Lightning Arrestor.

Specifications

MODEL	Combiner Box 4	Combiner Box 8	Combiner Box 12	Combiner Box 24	Combiner Box 36	Combiner Box 52
Maximum NO. of Strings	4	8	12	24	36	52
Maximum Fuse Capacity Per String (A)	15	15	15	15	15	15
Maximum DC Voltage Input (V)	1000	1000	1000	1000	1000	1000
Maximum Output Current (A)	60	120	180	360	540	780
Enclosure Type	Polyester, vertical wall mount	Polyester, vertical wall mount	Polyester, vertical wall mount	Polyester, vertical wall mount	Polyester, vertical wall mount	Polyester, vertical wall mount
Waterproof Class	IP65	IP65	IP65	IP65	IP65	IP65
Dimensions (H×W×L mm)	40×250×300	200×300×400	200×400×500	200×400×500	230×500×600	300×600×800

COMPONENTS

The internal layout is shown below Figure 1; it composes of fuses, Copper Bus bars and the reserved space for lightning arrestor.
The combiner box is a pre-wired, wall or floor mounted electrical enclosure
containing the following components:

- Fuse blocks- Dead front fuse holders
- Positive Bus Bar- Copper bar used to combine all positive inputs.
- Negative Bus Bar- Copper bar used to combine all negative inputs.
- Ground Bus Bar- Terminal used to combine individual array grounds to system ground.
- Plastic Shields- Plastic guards acting as a means of safety to prevent incidental contact with live parts
- Insulators- Plastic standoffs used to isolate the electricity between the bus bars and the backplane and enclosure.
- Mounting accessories- Hardware used to secure enclosure to wall or ground.

DIMENSIONS

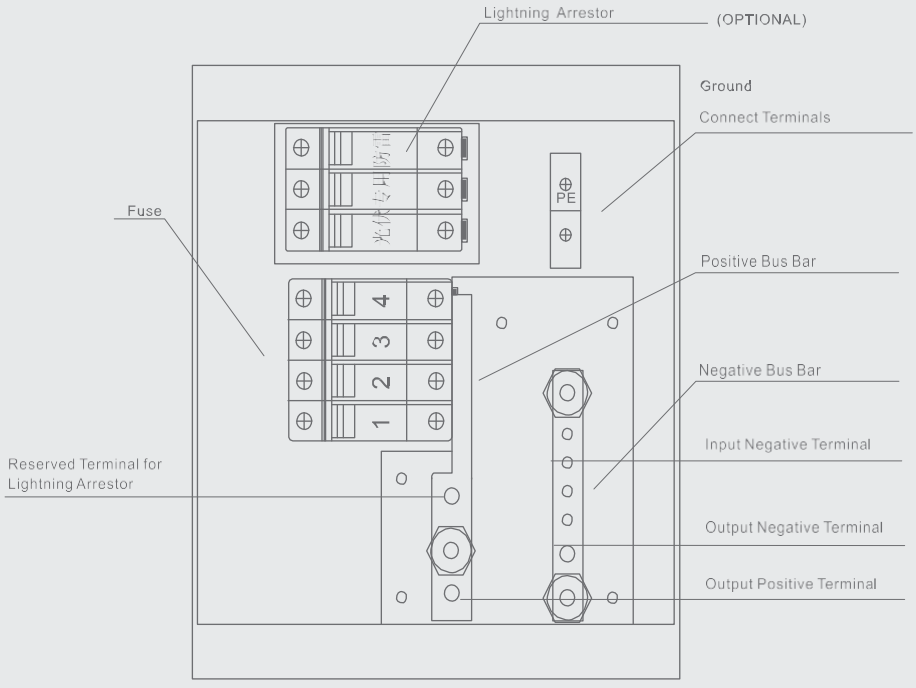


Figure 1

IP66 Distribution Enclosures

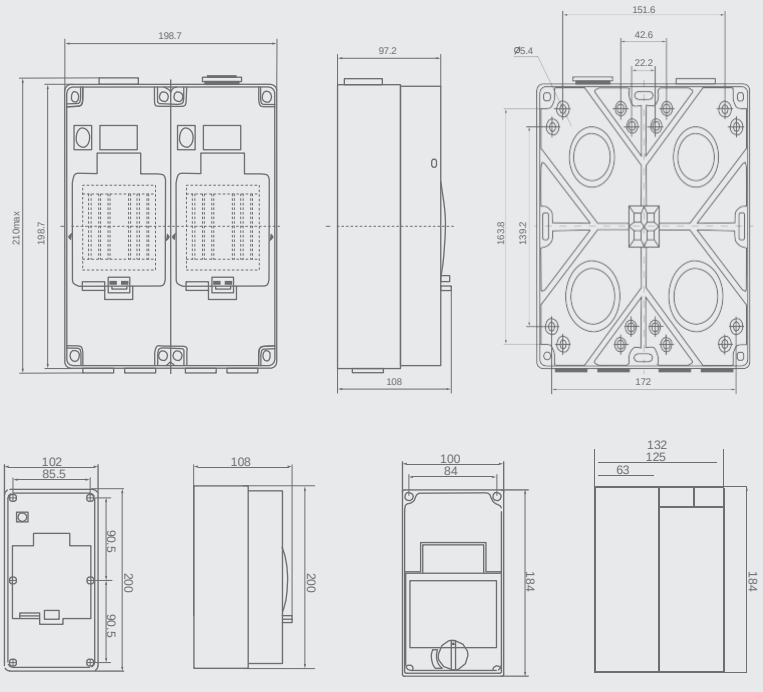
IP66 UV stabilised 4 way and 8 way weatherproof enclosures are avitally important party of any solar installation, if you are using DC circuit breaker as isolation.For this reason we have worked hard to produce a very high quality IP66 4 way and 8 way enclosures. This enclosure meets all the required standards and has thus been classed as IP66.

This IP66 4 way and 8 way enclosures are designed to house a range of DIN rail circuit breakers are complete with a soring loaded lockable lid.It also has top ,bottom and rear cable entry.

Specifications

Catalogue Number	Mondule Type	NO.of Poles	Module Width
56CB1N	MCB	1	4
56CB2N	MCB	2	4
56CB3N	MCB	3	4
56CB4N	MCB	4	4
56CB5N	MCB	5	8
56CB6N	MCB	6	8
56CB7N	MCB	7	8
56CB8N	MCB	8	8

DIMENSIONS



Electrical Accessories

PG NYLON CABLE GLANDS
Threaded entry：PG (DIN Standard)
Material：made from UL Nylon66，94V-2and tight ring fromrubber.
Feature:
Well designed for insulation，waterproofand impact resistant.
Not need to dismertgrate the fixterminal，cable can be inserted
Protection：IP68
Application：machinery controlbox，distribution plate，machine,etc.

Specifications

Item No.	D1	D2	L1	L2	L3	B1	Cable range
PG-07	10.9	8.1	8.5	14.5	10.5	6.4	3.5-6
PG-09	15.3	12.2	9.9	15.8	17.2	8.6	4-8
PG-11	17.9	14.6	10.6	15.5	17.5	10.7	5-10
PG-13.5	20.2	16.2	10.3	17.8	17.9	13.3	6-12
PG-16	21.3	18.3	11.2	18.5	20.5	14.3	10-14
PG-19	24.7	20.5	11.4	18.6	21.8	15.5	12-15
PG-21	26.9	21.8	11.6	18.7	23.1	16.7	13-18
PG-24	29.8	25.0	12.1	28.3	24.1	19.2	15-22
PG-29	35.1	29.8	12.4	22.6	24.8	24.8	18-25
PG-36	44.7	37.1	12.6	25.1	26.10	30.7	22-32
PG-42	50.4	43.3	17.3	25.9	30.5	35.6	30-38
PG-48	56.1	48.2	20.9	28.1	31.5	41.4	34-44

M NYLON CABLE GLANDS(METRIC)
Threaded entry：metric
Material：partsA.C.E.Fare made of nylon 66 characterised by high fireresistant with its flammability rating UL91V-2,parts band are made of EPDM neoprene.
Color：black and grey
Working Temperature：-40℃-100℃；short time 120℃
Protection：IP68
Installation：directly screw into hole of same the size or fix with the spare locknut，with cable through it inside hole，seal the sealing nut.

Specifications

Item no.	Threaded enty metric	Cable rang	Thread O.D.C1 C1	PANEL mounting hole	Thread length c2	Sealing nut F	Lock nut A
M-12	M12×1.25	7.6-4.6	12	12.5	8.5	19	18
M-16	M16×1.5	10-6	16	16.5	15	22	22
M-20	M20×1.5	14-9	20	20.5	15	27	27
M-25	M25×1.5	18-13	25	25.5	15	33	33
M-32	M32×1.5	25-18	32	33	15	41	41
M-40	M40×1.5	30-24	40	41	20	50	50
M-50	M50×1.5	39-30	50	51	22	62	61
M-63	M63×1.5	48.5-40	63	64	25	75	75

Single mould RCD(AUS)

SRN-32 Mini Ciruit Breaker are mainly applied to the AC 50Hz/60Hz circuit rated 240V and 32A or below , they have the electric leakage(electric shock) , overload , short ciruit and so on protection functions.The over voltage protection function can also be provided upon requirements.They are mainly used to protect the building illumination and power distribution system.

Specifications

Type And meaning	
Main technical parameter	
Type of instantaneous release ：(c5In~ c10In)	
Rate voltage	AC 250V ， 50/60Hz
Rate Current	6A~32A
Rate short circuit make and break current	4500A
Number of poles	1P+N
Electric life time	>4000
Mechanical life time	>4000
Type of instantaneous release	c(5In~10In)

SM3L-63 ADJUST FAMILY TYPE MOULDED CASE AND EARTH LEAKAGE CIRCUIT BREAKER

SM3L-63 Adjust Family Type Moulded Case And Earth Leakage Circuit Breaker

SM3L-63 Series RCCB is suitable for the circuit of AC 50HZ or 60HZ,rated working voltage 230V and rated current 60A and below, to make indirect contact protection to the human being and protect the circuit against over current, short circuit and surge protector in buildings or other similar locations as well.Best selling circuit breaker in Southeast Asia.

Model and implication:

S	M	3	L	60	G	Y
SUNTREE Brand	MCCB	Designing number	Leakage function	Current grade	Over voltage Protection	Remote control function

Specifications

a. Over voltage protection technical data

Choose shift position	Ino(mA)	In(mA)	Remark
5mA	4	8	Power on close circuit breaker, press TEST, circuit breaker working, when the power supply normal, then press function button, the LED on. when press DIRECT, the red light on, the products dont working.
10mA	8	12	
15mA	12	18	
30mA	18	30	

a. Over voltage protection technical data

Testing current	Rated current	Start state	Testing time	Testing result
20 25 32 40 50 60	1.13In	Hot state	≥ 1h	Non trip
	1.45In	Hot state	1h	Trip
	5In	Cold state	≥ 0.1s	Non trip
	10In	Cold state	0.1s	Trip

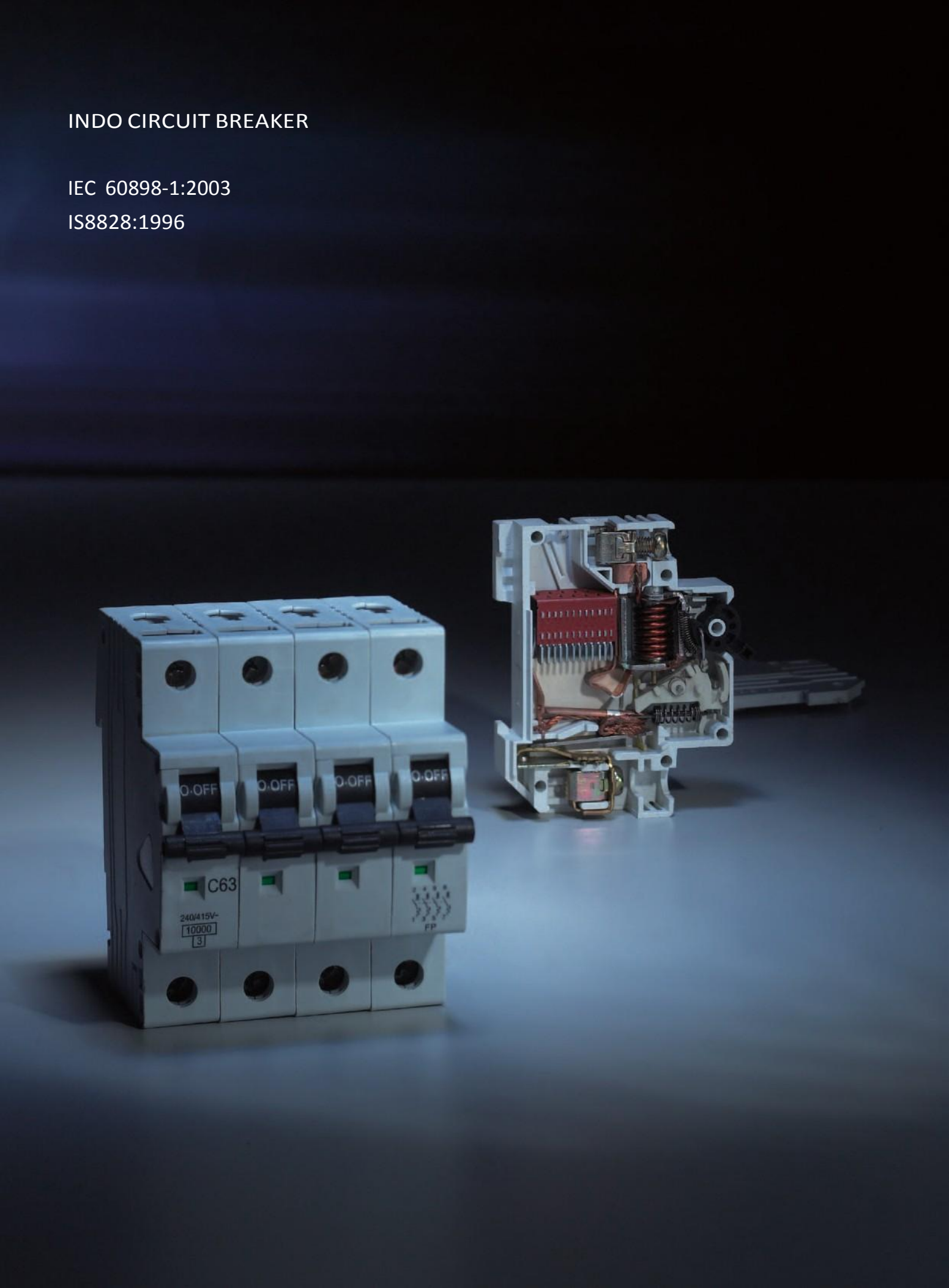
Attentions:

a. When use it, should choose the right one, if not the products cannt protect the circuit.
b. TEST button should testing four times one month, checking the earth leakage function.
c. When use it, should choose the right current, if not, the product dont have over current and short circuit protection functions.

INDO CIRCUIT BREAKER

IEC 60898-1:2003

IS8828:1996



Indo Circuit Breaker

SIS-63 is an all-new premium range of MCBs, RCCBs,distribution boards and isolators, this range covers the entire spectrum of electric supply chain right from distribution and protection to conservation, a unique blend of stat-of-the-art technology along with innovation, SIS-63 unveils new possibilities in terms of circuit protection, good aesthetics,effortless installation and comfortable usage. A one-stop solution for final low voltage with standard and customized DB, SIS-63 is perfectly designed to fit the needs of different segments,right from residential and commercial buildings, industrial plant to OEM's. like all of indo asian's product,gold plus will meet the standards of industry experts and deliver what it promises to all its users, and continue bringing joy through power.

Construction and Features

State-of-the-art design.
Elegant appearance;cover and handle in arc shape for comfortable operation
Contact position indicating window.
Mid-trip function for circuit fault indicating
In case of overload and short-circuit to protected circuit, mcb knob trips and stays at mid position, which enables a quick solution to the faulty line. The knob cannot stay in such position when operated manually.
High short-circuit capacity
High short-circuit capacity 10KA for whole range thanks to the powerful electric arc extinguishing system.
Long electrical endurance, more than 4000 cycles thanks to quick making mechanism
Knob padlock device.
Mcb knob can be locked either at "on"position or at "off"position to prevent unwanted operation of the product.

Specifications

Number of poles	1, 1P+N,2, 3, 3P+N,4
Rated voltage	ac 240/415v
Rated current(A)	1,2,3,4,5,6,10,16,20,25,32,40,50,63
Tripping curve	B,C,D
Rated short-circuit capacity(Icn)	10000A
Rated service short-circuit braking capacity(Ics)	7500A
Rated frequency	50/60Hz
Energy limiting class	3
Rated impulse withstand voltage	4KV
Electro-mechanism endurance	4000
Connection termina	Screw terminal
Connection capacity	rigid conductor up to 25 mm^2
Fastening torque	2.0Nm
Installation	On symmetrical DIN rail 35mm
Manufacture standard	IEC60898-12003/IS8828:1996

PORTABLE POWER DISTRIBUTION BOARD

WALL MOUNTED POWER BOARDS

Model NO:STW007

- Dimension:

2x32A IP67 IEC Socket and MCB (RCBO)
2x16A IP67 IEC Socket and MCB (RCBO)

PORTABLE POWER DISTRIBUTION BOARD

Note: following is our standard
Units and we can 100%
Custom-made as per different
requirement which can be used under different working condition

Model No:STL001

- Dimension:400X400X570mm(H,W,D)

Side A
1X1EC 5P 63A IP67 plug and MCB(RCBO)
1X1EC 5P 63A IP67 socket and MCB(RCBO)

Side B
4X3P 15A IP66 Socket and RCBO
1X5P 32A IP66 Socket and switch and RCBO

Side C
2X5P 20A IP66 Socket and waterproof
switch and MCBs(RCBO)
1X5P 32A IP66 Socket and waterproof switch

Side D
6X3P 15A Waterproof Socket and MCBS(RCBO)

Model No:STL002

- Dimension:400X400X570mm(H,W,D)

Side A
1X1EC 5P 63A IP67 plug and MCB(RCBO)
1X1EC 5P 63A IP67 socket and MCB(RCBO)

Side B
6X3P 16A IP67 IEC Socket and RCBO

Side C
3X5P 32A IP67 IEC Socket and waterproof
swich and MCBs(RCBO)

Side D
6X3P 16A IP67 IEC Socket and MCBS(RCBO)

Model No:STM001

■ Dimension:400X400X460mm(H,W,D)

Side A
1×IEC 5P 32A IP67 plug and MCB(RCBO)
1×IEC 5P 32A IP67 socket and MCB(RCBO)

Side B
6×3P 16A IP67 IEC Socket and RCBO

Side C
3×5P 32A IP67 IEC Socket and MCBs(RCBO)

Side D
6×3P 16A IP67 IEC Socket and MCBs(RCBO)

Model No:STM002

■ Dimension:400×400×460mm(H,W,D)

Side A
1×IEC 5P 32A IP44 plug and MCB (RCBO)
1×IEC 5P 32A IP44 Socket and MCB (RCBO)

Side B
6×3P 16A IP44 Socket and MCB (RCBO)

Side C
3×5P 32A IP44 IEC Socket and MCBs (RCBO)

Side D
6×3P 16A IP44 IEC Socket and MCBs (RCBO)

Model No:STM003

■ Dimension:400×400×460mm(H,W,D) Side A
1×5P 32A IP66 plug and switch MCB (RCBO)

Side B
6×15A IP66 Socket and MCB (RCBO)

Side C
1×5P 32A IP66 Socket and waterproof switch and MCB (RCBO)

Side D
2×3P 15A IP66 Socket and RCBO
1×5P 32A IP66 Socket and switch and RCBO
1×5P 20A IP66 Socket and switch and RCBO

Model NO:STS001

■ Dimension:400x400x460mm(H,W,D,)

Side A
Enclosure complete with RCD/MCB 20Amp circuit breaker
1.8M leads
15A plug(IP66 waterproof)

Side B
6x250V 10A/15A outlets

Model No:STS002

- Dimension:380x250x260mm(H,W,D,)

Side A
Enclosure complete with RCD/MCB 20Amp circuit breaker
1.8M leads
16A plug(IP67 waterproof)

Side B
6x16A outlets

Side C
1x32A 5P IEC Socket and MCB(RCBO)
Note:any length of the lead is available.

Model No:STS03

- Dimension:380x250x260mm(H,W,D)

Side A
2x16A IEC socket and MCB (RCBO)

Side B
4x16A IEC sockt

Side C
1x32A IEC socket
Note:any length of the lead is available.

Model No:STW001

2x32A IP66 Socket and MCB (RCBO)
2x20A IP66 Socket and MCB (RCBO)

Model No:STW002

2x32A IP66 Socket and MCB (RCBO)
2x20A IP66 Socket and MCB (RCBO)

Model No:STW003

2x15A IP66 Socket and MCB (RCBO)

Model No:STW004

2x32A IP67 IEC Socket and MCB (RCBO)
2x16A IP67 IEC Socket and MCB (RCBO)

Model No:STW005

2x32A IP44 IEC Socket and MCB (RCBO)
3x16A IP44 IEC Socket and MCB (RCBO)

Model No:STW006

1x16A IP44 IEC Socket and MCB (RCBO)
1x32A IP44 IEC Socket and MCB (RCBO)

Model No:STW008

2x16A IP67 IEC Socket and MCB (RCBO)

Model No:STW009

2x16A IP67 IEC Socket and MCB (RCBO)
2x32A IP67 IEC Socket and MCB (RCBO)

Model No:STW010

3x10A Wall switch and MCB (RCBO)
1x1.8M leads 1x10A IP66 plug

Model No:STW011

- Dimension:290x160x530mm

2x32A IP44 IEC Socket and MCB (RCBO)
5x16A IP44 IEC Socket and MCB (RCBO)

Model No:STW012

■Dimension:290x150x400mm

2x32A IP67 IEC Socket and MCB (RCBO)
3x16A IP67 IEC Socket

Model No:STW013

■Dimension:290x150x400mm

6x16A IP44 IEC Socket and MCB (RCBO)

Model No:STG001

■ Dimension:290x160x530mm(H,W,D)

6x3P 15A waterproof socket
2x3P 16A CEE waterproof socket

Model No:STG002

■ Dimension:290x150x400mm

2x3P 15A waterproof socket
1x5P 32A waterproof socket and switch
1x1.8M lead and 5P 32A waterproof plug

Model No:STG003

■ Dimension:350x170x530mm

2x5P 32A waterproof socket and switch
1x5P 20A waterproof socket and switch
2x3P 15A waterproof socket

Model No:STG004

3x56SW
3xUKBI/32
3xCEE 5 Pins 32A
3xCEE 4 Pins 32A
Frenqency:50Hz/60Hz
Volts:220-380/240-415V

Model No:STG005

3x56CB1-4N
3xUKBI/32
3xCEE 5 Pins 32A
Frenqency:50Hz/60Hz
Volts:220-380/240-415V

Model No:STG006

3x56SW
6x56SO315

Model No:STG007

3x56SW
6x56SO532

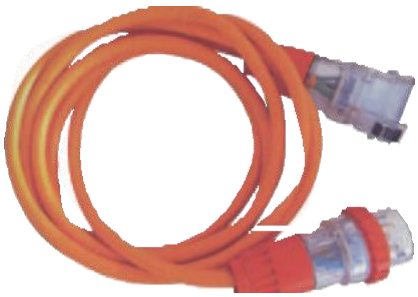
WATERPROOF INDUSTRIAL SWITCHGEAR SERIES

AS/NZS3112 SINGLE AND THREE PHASE COMBO SWITCH & SOCKET

POWER CONNECTING EQUIPMENTS/EXTENSION LEADS

Model No:STE001

Metal outer sheath is connected to earth for added safety.
20 metre 2.5 mm cable.
10amp or 15amp clear moulded plug and socket.
insulated active and neutral plug., or fixed with IP56 plugs and connectors
LED Power on indicator.
Cable is highly fixed for easy use and longer life expectancy than a standard cable.
Approved to Australian/NZ standards.



Model No:STE002

Specification:50 amp or 32 amp plug and socket(any Amps are acceptable)on a 10mm 4core and earth 15m
extension lead(any cable is accepable),With full earth screen for added safety protection.
Note:all our extension leads can be 100% custom-made

WATERPROFF INDUSTRIAL SWITCHGEAR SERIES

The STF series of weatherproof isolation switches is a robust range of switches suitable for virtually any extemal application included in the range are single,double, triple and four poles switch from 20A to 80A,the base mounted mechanism provides for easier termination and more wiring room,switch dimensions are 165mmX 82mm,with an overall height of 85mm.

Specifications

Designation	Rating(Amps)	Cat.No	IP rating
Single pole	20A	STF1-20	IP66
	32A	STF1-32	
	45A	STF1-45	
	63A	STF1-63	
Double pole	20A	STF1-20	IP66
	32A	STF1-32	
	45A	STF1-45	
	63A	STF1-63	
Triple pole	20A	STF1-20	IP66
	32A	STF1-32	
	45A	STF1-45	
	63A	STF1-63	
Four pole	20A	STF1-20	IP66
	32A	STF1-32	
	45A	STF1-45	
	63A	STF1-63	

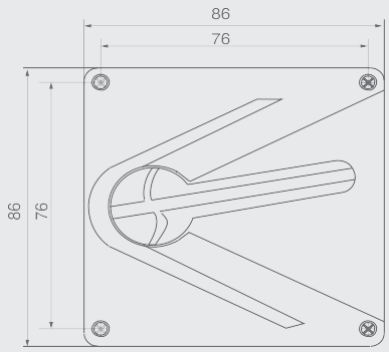
STWS SERIES

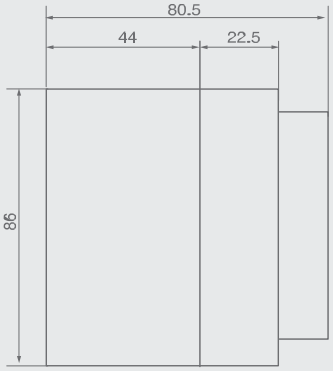
Description:
STWS is unique design enclosed isolator for in harsh condition where space is limited. Stylish look brings you a new concept of isolator switch

Specifications

Designation	Rating(Amps)	Description
STWS116	16A	One pole
STWS120	20A	

DIMENSIONS





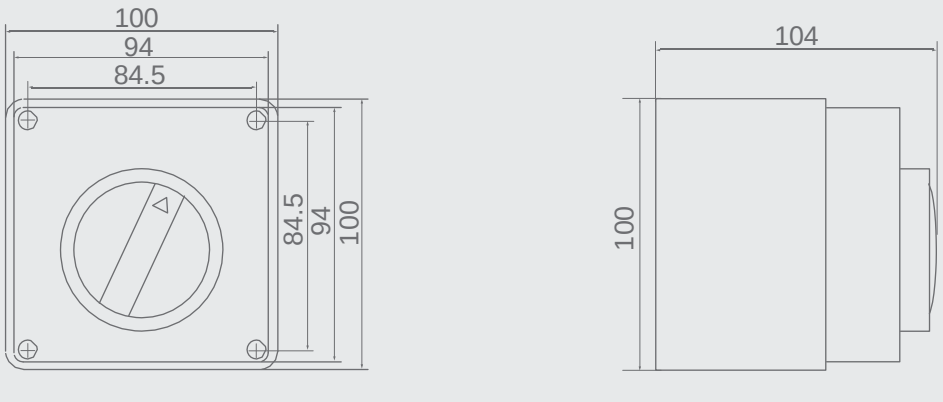
56SW SURFACE SWITCHES

56SW series switches are available from 250V 10A to 500V 63A. They incorparate a positive,rotary action,ON-OFF action and clear marked Impact resistant con-struction and material suitable for harsh condition Raised ON-0FF lettering for clear and per-manent marking.

Specifications

Cat No	Rating(Amps)	Voltage(V)	Rated operational current Ie			No.of Swit Poles
			AC21A	AC22A	AC23A	
56SW110	10A	250	10	8	8	1
56SW110/2	10A/2 Way	250	10	8	8	1
56SW216	16A	250	10	10	10	2
56SW220	20A	250	20	20	20	2
56SW232	32A	250	32	32	20	2
56SW240	40A	250	40	40	25	2
56SW250	50A	250	50	50	25	2
56SW263	63A	250	63	63	25	2
56SW316	16A	500	10	10	10	3
56SW320	20A	500	20	20	20	3
56SW332	32A	500	32	32	20	3
56SW340	40A	500	40	40	25	3
56SW350	50A	500	50	50	25	3
56SW363	63A	500	63	63	25	3

DIMENSIONS

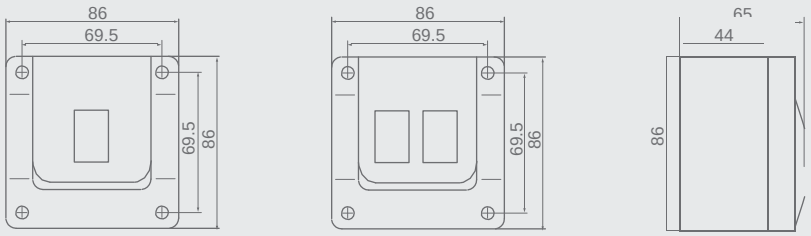


WATERPROOF INDUSTRIAL SWITCHGEAR SERIES

Description:
STSS series is a impact resistant surface mounting switch, designed for general purpose application like outdoor lighting control, illumination sign etc.

Cat No	Rating(Amps)	No.of Gangs	IP Rating
STSS110	10A	1 Gang	switch
STSS115	15A	1 Gang	switch
STSS210	10A	2 Gang	switch
STSS215	15A	2 Gang	switch

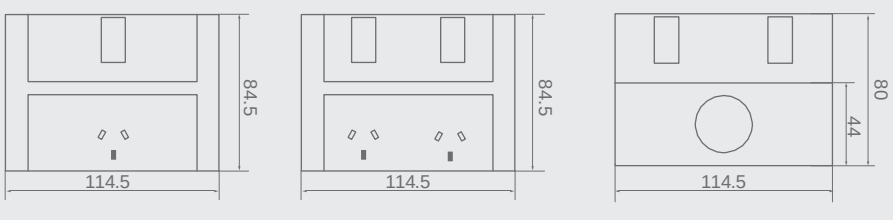
DIMENSIONS



POWER POINT STSP
Description:
STSP series is a impact resistant surface mounting switch, designed forgeneral purpose application like outdoor lighting control, illumination sign etc.

Cat No	Rating(Amps)	No.of Gangs	IP Rating
STSP110	10A	1 Gang	switch
STSP115	15A	1 Gang	switch
STSP210	10A	2 Gang	switch
STSP215	15A	2 Gang	switch

DIMENSIONS



PHASE COMBO SWITCH & SOCKET

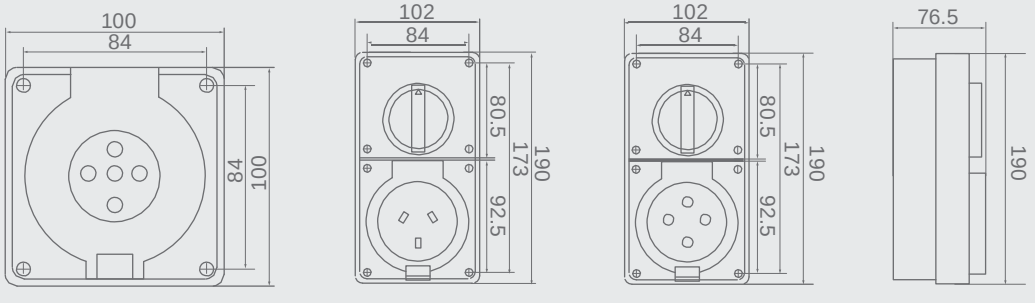
Three phase 3 round pin combo swithc & socket
Description:
Three phase 3 round pin 250&500V 50Hz switched socket.IP66 rated
Available in standard grey or orange 10.20.32A
Voltage:250/500V
Code:56CV310/56CV 320/56CV315/56CV332

Three phase 4 round pin combo swithc & socket
Description:
Three phase 4 round pin 500V 50Hz switched socket.IP66 rated
Available in standard grey or orange 10.20.32.40&50A
Voltage:500V
Code:56CV 410/56CV 420/56CV432/56CV 440/56CV450

Three phase 5 round pin extension swithc & socket
Description:
Three phase 5 round pin cord 500V 50Hz switched socket.IP66 rated
Available in standard grey or orange 10.20.32.40&50A
Voltage:500V
Code:56CV 510/56CV 520/56CV532/56CV540/56CV 550

Model No	Description	IP Degree
56CV310	3P 10A250V	IP66
56CV315	3P 15A250V	IP66
56CV320	3P 15A 250V/500V	IP66
56CV332	3P 32A 250V/500V	IP66
56CV410	4P 10A500V	IP66
56CV420	4P 20A500V	IP66
56CV432	4P 32A500V	IP66
56CV440	4P 40A500V	IP66
56CV450	4P 50A500V	IP66
56CV510	5P 10A500V	IP66
56CV520	5P 20A500V	IP66
56CV532	5P 32A500V	IP66
56CV550	5P 50A500V	IP66

DIMENSIONS



PIN EXTENSION SOCKET SERIES

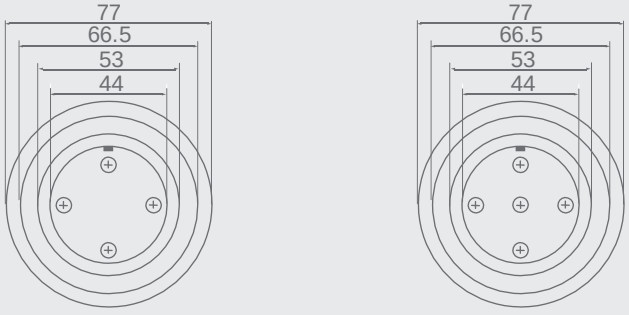
Three phase 3 round pin extension socket
Description:
Three phase 3 round pin cord extension socket.IP66 rated
Available in 10.20.32A
3 pin voltage:250/500V
Code:56CSC 310/56CSC 320/56CSC315/56CSC332

Three phase 4 round pin extension socket
Description:
Three phase 4 round pin cord extension socket.IP66 rated
Available in 10.20.32.40&50A
Voltage:500V
Code:56CSC 410/56CSC 420/56CSC432/56CSC 440/56CSC 450

Three phase 5 round pin extension socket
Description:
Three phase 5 round pin cord extension socket.IP66 rated
Available in 10.20.32.40&50A
Voltage:500V
Code:56CSC 510/56CSC 520/56CSC532/56CSC540/56CSC 550

Model No	Description
56CSC310	3Pin 10A250V
56CSC315	3Pin 15A250V
56CSC320	3Pin 20A250V
56CSC332	3Pin 32A250V
56CSC410	4Pin 10A500V
56CSC420	4Pin 20A500V
56CSC432	4Pin 32A500V
56CSC440	4Pin 40A500V
56CSC450	4Pin 50A500V
56CSC510	5Pin 10A500V
56CSC520	5Pin 20A500V
56CSC532	5Pin 32A500V
56CSC540	5Pin 40A500V
56CSC550	5Pin 50A500V

DIMENSIONS



STRAIGHT PLUGS

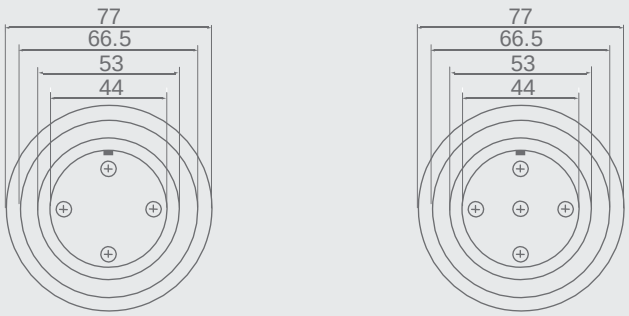
Single phase plug-3 pin flat
Description:
Single phase 3 flat pin plug.IP66 rated
Available in 10A.13A.15A.20A.32A
Voltage:250/500V
Code:56P310/56P313/56P315/56P320/56P332

Three phase 4 round pin straight plug
Description:
Three phase 4 round pin straight plug.IP66 rated.
Available in 10A.20A.32A.40A.50A
Voltage:500V
Code:56P410/56P420/56P432/56P440/56P450

Three phase 5 round pin straight plug
Description:
Three phase 5 round pin straight plug.IP66 rated.
Available in 10A.20A.32A.40A.50A
Voltage:500V
Code:56P510/56P520/56P532/56P540/56P550

Model No	Description	IP Degree
56P310	3Pin 10A250V	IP66
56P315	3Pin 15A250V	IP66
56P320	3Pin 20A250V/500V	IP66
56P332	3Pin 32A250V/500V	IP66
56P410	4Pin 10A500V	IP66
56P420	4Pin 20A500V	IP66
56P432	4Pin 32A500V	IP66
56P440	4Pin 40A500V	IP66
56P450	4Pin 50A500V	IP66
56P510	5Pin 10A500V	IP66
56P520	5Pin 20A500V	IP66
56P532	5Pin 32A500V	IP66
56P540	5Pin 40A500V	IP66
56P550	5Pin 50A500V	IP66

DIMENSIONS



ANGLE PLUGS

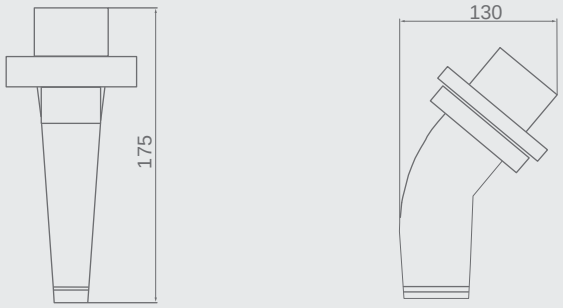
Three phase 3 round pin angle plug
Description:
Three phase round pin straight plug.IP66 rated
Available in 20A.32A
Voltage:250V/500V
Code:56PA320/56PA332

Three phase 4 round pin angled plug
Description:
Three phase 4 round pin angled plugs.IP66 rated
Available in 10A 20A.32A.40A.50A
Voltage:500V
Code:56PA410/56PA420/56PA432/56PA440/56PA450

Three phase 5 round pin angle plugs
Description:
Three phase 5 round pin angled plugs.IP66 rated
Available in 10A 20A.32A.40A.50A
Voltage:500V
Code:56PA510/56PA520/56PA532/56PA540/56PA550

Model No	Description
56PA320	3Pin 20A 250/500V
56PA332	3Pin 32A 250/500V
56PA410	4Pin 10A 500V
56PA420	4Pin 20A 500V
56PA432	4Pin 32A 500V
56PA440	4Pin 40A 500V
56PA450	4Pin 50A 500V
56PA510	5Pin 10A 500V
56PA520	5Pin 20A 500V
56PA532	5Pin 32A 500V
56PA540	5Pin 40A 500V
56PA550	5Pin 50A 500V

DIMENSIONS

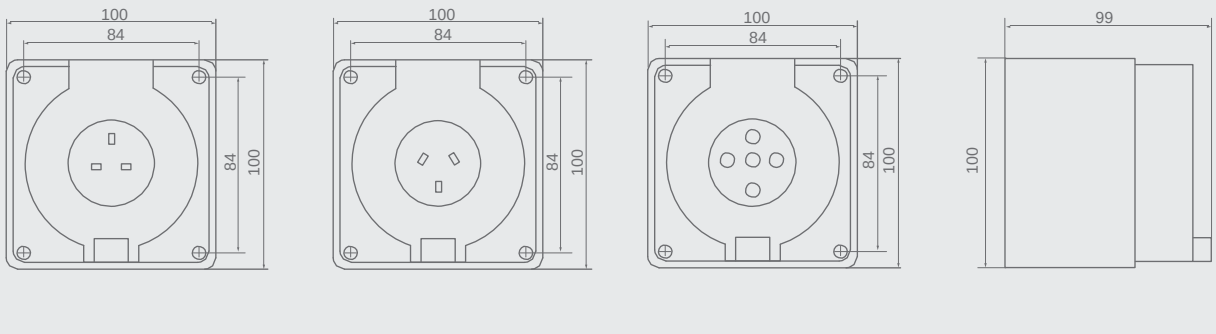


ROUND PIN SOCKET

Description:
Single and three phase 3 flat pin socket.IP66 rated.available in standard grey or orange 10A.13A.15A.20A.32A.40A.50A
Voltage:250V/500V

Model No	Description	IP Degree
56SO310	3Pin 10A 250V	IP66
56SO315	3Pin 15A 250V	IP66
56SO320	3Pin 20A 250V/500V	IP66
56SO332	3Pin 32A 250V/500V	IP66
56SO410	4Pin 10A 500V	IP66
56SO420	4Pin 20A 500V	IP66
56SO432	4Pin 32A 500V	IP66
56SO440	4Pin 40A 500V	IP66
56SO450	4Pin 50A 500V	IP66
56SO510	5Pin 10A 500V	IP66
56SO520	5Pin 20A 500V	IP66
56SO532	5Pin 32A 500V	IP66
56SO540	5Pin 40A 500V	IP66
56SO550	5Pin 50A 500V	IP66

DIMENSIONS

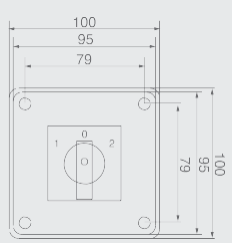


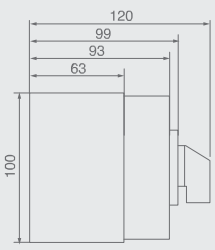
REVERSING SWITCHES

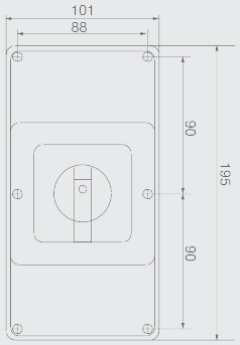
Desugned to give full motor control,a unit is rated IP66,changeover and reversing switches are housed withing single modules as part of the overall modular conoept of the range.Earth and neytral connectores accommodating 3x6mm cables are provided with all models.reversing switches type switch mechanisms are used and therefore special configurations are available.

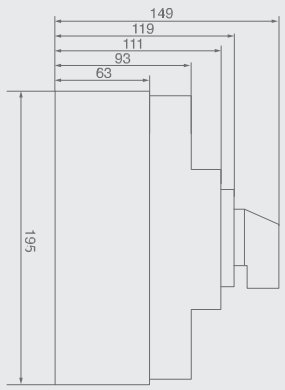
Catalogue Number	56SW 320/O	56SW 332C/O	56SW 340C/O	56SW 363C/O
Rated Operational Voltage Ue(-50HZ)volts Ue(-50HZ)volts"	500	500	500	500
Rated Insulation Voltage Ue(-50hz)Volts	660	660	660	660
Rated Thermal Current Enelesed Amps	20	32	40	63
Cable Cross Section Solid or Min	1 6	1 6	6 10	6 10
Utilisation Categories Switching of Resistive Loads Ineluding a Amps	20	32	40	63
Switching of motor loads or other KW	7.5	11	15	22
Switching of Squirrel Cage Motors Amps	5.5	5.5	11	18.5
Rated short time second	1.5	1.5	1.5	1.5
Rated short circuit making capacity	22	22	50	50

DIMENSIONS









MOUNTING ENCLOSOURES

- One & two module enclosure cover

Description:
one & two module enclosure cover. IP66 rated.
Available in stand are gray and not change color.
Code:56E1/56E2/56E3/56E4/56E6/56E8/56E9

- One & two module enclosure cover

Description:
one & two module enclosure cover. IP66 rated.
Available in stand are gray and not change color.
Code:56L1/56L2/56L3/56L4